

STATE OF TENNESSEE  
AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE 37243



**OPERATING PERMIT** Issued Pursuant to Tennessee Air Quality Act

Date Issued: November 2, 2016

Permit Number:

071923

Date Expires: November 1, 2026

Issued To:

Bristol Metals, LLC

Installation Address:

390 Bristol Metals Road  
Bristol

Installation Description:

Three (3) Acid Pickling Tanks for  
Stainless Steel Surface Treatment

Emission Source Reference No.

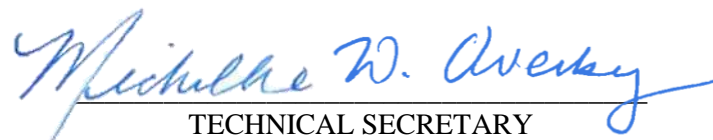
82-0032-02

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations (TAPCR).

**CONDITIONS:**

1. The applications that were utilized in the preparation of this permit are dated August 21, 2015, and August 3, 2016, and signed by Kyle Pennington, President for the permitted facility. If this person terminates employment or is assigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants. TAPCR 1200-03-09-.03(8)

(conditions continued on next page)

  
TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

**POST AT INSTALLATION ADDRESS**

2. In addition to water, the pickling solution within each tank shall only contain nitric acid and hydrofluoric acid. The maximum concentration of nitric acid within the pickling solution shall be ten percent (10%) by weight. The maximum concentration of hydrofluoric acid within the pickling solution shall be four percent (4%) by weight. TAPCR 1200-03-09-.02(6)

3. The maximum capacity of pickling solution for each tank shall not exceed:

<u>Tank ID</u>	<u>Gallons</u>
368	10,000
265	10,000
baby	3,400

Exceeding the above listed maximum capacity for any tank or the addition of one or more tanks to this source will require a construction permit. TAPCR 1200-03-09-.02(6)

4. Nitrogen oxides (NO<sub>x</sub>) emitted from this source shall not exceed 10.30 lb/hr (45.10 tons/yr) on a daily average basis. TAPCR 1200-03-07-.07(2) and the source emissions test performed on May 9, 2016

Compliance with this Condition shall be assured by compliance with Condition 3.

5. Hydrogen fluoride (HF) emitted from this source shall not exceed 1.54 lb/hr (6.72 tons/yr) on a daily average basis. TAPCR 1200-03-07-.07(2) and the source emissions test performed on May 9, 2016

Compliance with this Condition shall be assured by compliance with Condition 3.

6. Visible emissions from this source shall not exceed twenty (20) percent opacity, except for one (1) six-minute period in any one (1) hour period and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1)

7. This permit is valid only at this location. TAPCR 1200-03-09-.03(6)

8. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application. TAPCR 1200-03-09-.02(6)

9. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards. TAPCR 1200-03-09-.03(8)

10. The permittee shall apply for renewal of this permit not less than sixty (60) days prior to the permit expiration date pursuant to Division Rule 1200-03-09-.02(3)(b). The renewal application shall be submitted to the Division at the address listed below or by electronic pdf copy via e-mail.

Tennessee Division of Air Pollution Control  
William R. Snodgrass Tennessee Tower, 15th Floor  
312 Rosa L. Parks Avenue  
Nashville, TN 37243

Adobe Portable Document Format (PDF) Copy to:  
[Air.Pollution.Control@tn.gov](mailto:Air.Pollution.Control@tn.gov)

TAPCR 1200-03-09-.02(3)

(end of conditions)

The permit application gives the location of this source as 36°32'31.8" Latitude and -82°11'11.4" Longitude.